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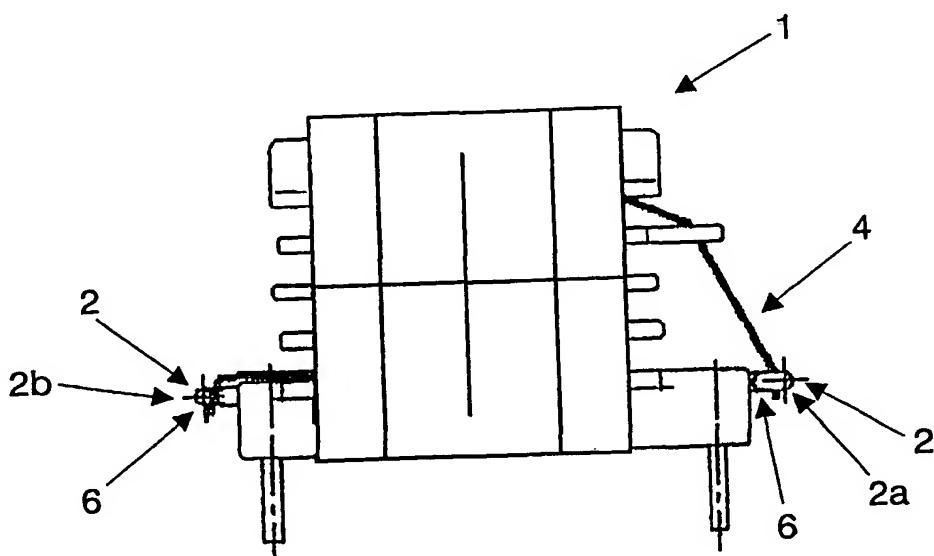
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(54) Title: LITZ WIRE FIXATION FOR LOW BUILDING HEIGHT



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(57) Abstract: The invention relates to a coil (1) comprising at least one pin with an end for anchoring a woven wire, preferably a litz wire resulting in a low building height. Said pin end has a U-shaped part (3) forming a slot (5), said slot (5) has an inner width equal to or smaller than the diameter of the wire (4). It is thereby obtained that the anchoring pin provides a secure anchoring position for the wire during wrapping and that the anchoring pin can be used for litz wire, thereby overcoming the drawbacks in the prior art as well as obtaining a good foundation for the subsequent soldering process. Furthermore it is obtained that height of the coil is smaller than the prior-art coils.

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 08 051043 A (NITTOKU ENG CO LTD), 20 February 1996 (1996-02-20) abstract ---	1,5
A	EP 0 482 694 A (PHILIPS NV) 29 April 1992 (1992-04-29) abstract ---	1-3,5
A	US 5 561 270 A (BAESSLER GERD ET AL) 1 October 1996 (1996-10-01) abstract ---	1,4,5

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